

E/G. 1

VOLTS

-25 -20 -15 -10 -5 0 5 10 15 20 25

TIME, MILLI SECONDS (MS)

A1 - VOLTAGE PRODUCED FROM VERTICAL CONTACT BY CAPILLARY WITH
A SOLID SURFACE AMPLIFIED TO VALUE SHOWN IN SCALE A1
A2 - SWITCHING VOLTAGE SHOWN SCALE A2

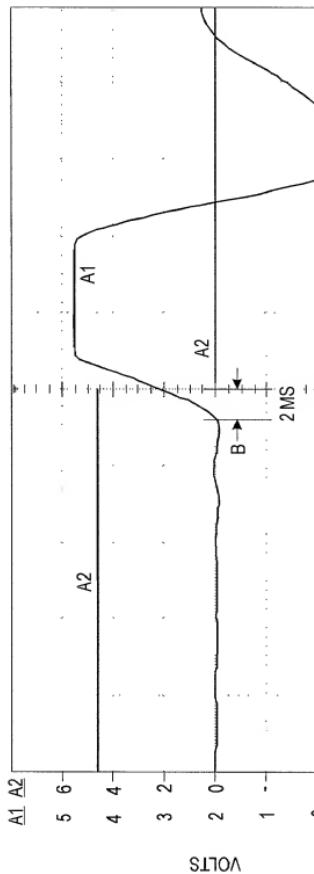
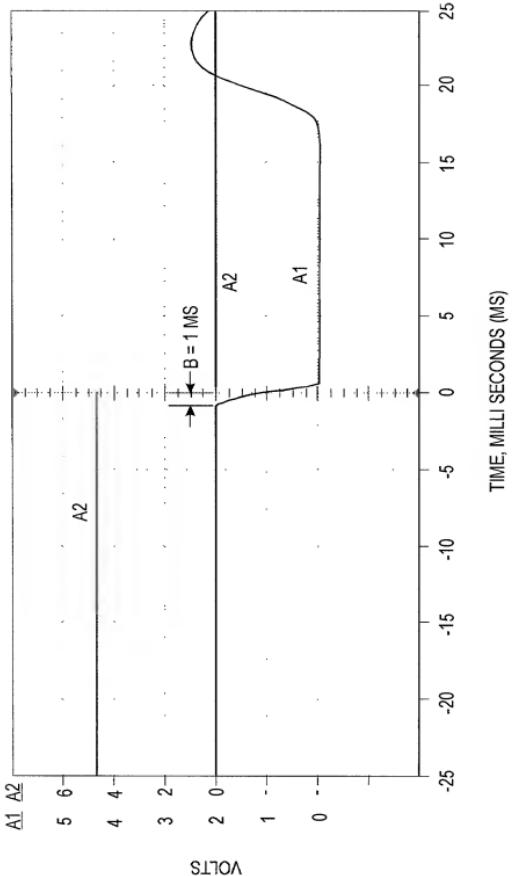
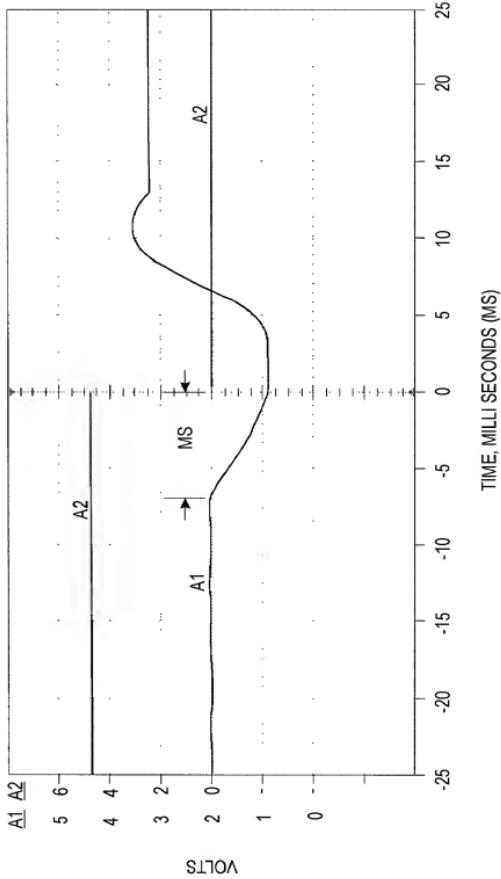


FIG. 2



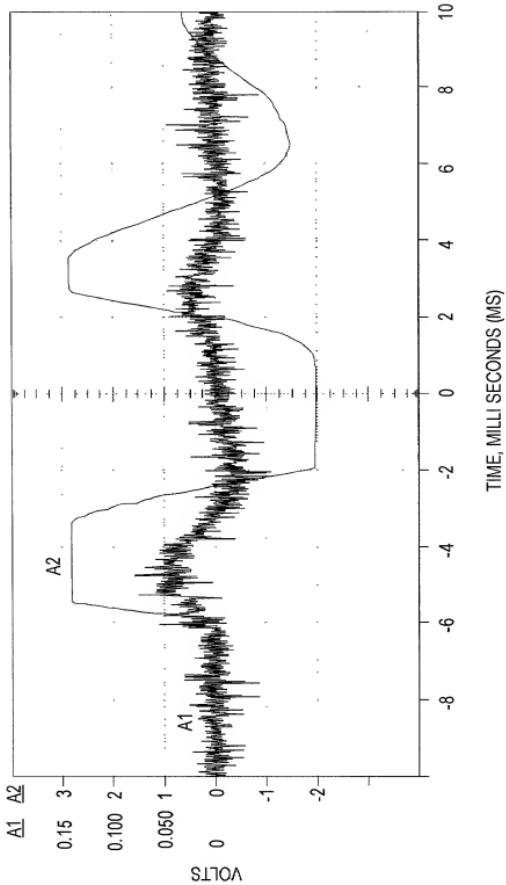
A1 - VOLTAGE PRODUCED FROM HORIZONTAL CONTACT BY CAPILLARY
WITH A SOLID SURFACE AMPLIFIED TO VALUE SHOWN IN SCALE A1
A2 - SWITCHING VOLTAGE SHOWN SCALE A2

FIG. 3



A1 - VOLTAGE PRODUCED FROM HORIZONTAL CONTACT BY CAPILLARY
WITH A SOLID SURFACE AMPLIFIED TO VALUE SHOWN IN SCALE A1
A2 - SWITCHING VOLTAGE SHOWN SCALE A2

FIG. 4



A1 - UNDAMPED VOLTAGE PRODUCED BY CAPILLARY
A2 - AMPLIFIED VOLTAGE PRODUCED BY CAPILLARY
CONTACTING A SOLID SURFACE

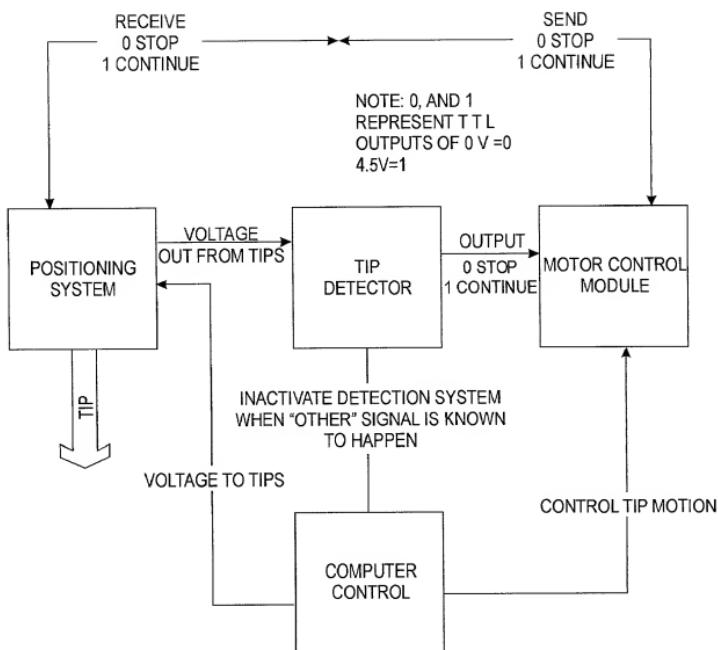


FIG. 5